

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nobuaki TAKAHASHI et al.
Title: MUTANTS OF ANTI-CD40 ANTIBODY
Int'l. Appl. No.: PCT/JP2004/019750
Int'l. Filing Date: 12/24/2004
Examiner: Unassigned
Art Unit: Unassigned
Confirmation Number: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

AP20 Rec'd PCT/PTO 23 JUN 2006
TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

The documents being cited in the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding international application. A copy of the International Search Report is attached setting forth the portion of the documents considered relevant by the examiner. A copy of the cited references listed in the Search Report are not being submitted herewith.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date June 23, 2006
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 23, 2006 (use as many sheets as necessary)				Complete if Known Application Number: Unassigned Filing Date: June 23, 2006 First Named Inventor: Nobuaki TAKAHASHI Group Art Unit: Unassigned Examiner Name: Unassigned Attorney Docket Number: 081356-0262	
Sheet	1	of	2		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			WO 2002/088186	A1	Kirin Brewery Co., Ltd.	11/7/2202		
			JP 2003-519470	A	SEATTLE GENETICS INC.	6/24/2003		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		E. E. DUCOUE et al., Mapping of the C1q binding site on rituxan, a chimeric antibody with a human IgG1 Fc, 2000, J. Immunol., 164(10), p. 4170-4184.	
		M. H. TAO et al., Structural features of human immunoglobulin G that determine isotype-specific differences in complement activation, 1990, J. Exp. Med., 170(2), pp. 664-667.	
		A. MORGAN et al., The N-terminal end of the CH2 domain of chimeric human IgG1 anti-IL-4 DR is necessary for C1q, Fc gamma RI and Fc gamma RII binding, 1995, Immunology, 86(2), pp. 319-324.	
		M. P. REDDY et al., Elimination of Fc Receptor-Dependent Effector Functions of a Modified IgG4 Monoclonal Antibody to Human CD4, 2000, J. Immunol., 164, pp. 1925-1933.	
		S. ANGAL et al., A single amino acid substitution abolishes the heterogeneity of chimeric mouse/human IgG1 antibody, 1993, Mol. Immunol., 30(1), pp. 103-108.	

REFERENCES NOT PROVIDED

Examiner Signature	/Phillip Gambel/	Date Considered	08/16/2009
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Substitute for form 1449B/PTO

Date Submitted: June 23, 2006

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Complete if Known

10/504345

Cite
No.1

T₆

Re: NEWMAN et al., "Modification of the Fc Region of a Primatized IgG Antibody to Human CD4 Retains Its Ability to Modulate CD4 Receptors but Does Not Deplete CD4+ T Cells in Chimpanzees," 2001, *Clinical Immunology*, 98(2), pp. 464-474.

/Phillip Gambel/

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